

Appendix

Counties in Kentucky's Major River Basins

The following is a list of the Kentucky counties that lie within each of the state's major river basins:

Big Sandy River Basin

Boyd
Floyd
Johnson
Knott
Lawrence
Letcher
Martin
Pike

Kentucky River Basin

Anderson
Boyle
Breathitt
Carroll
Clark
Clay
Estill
Fayette
Franklin
Gallatin
Garrard
Grant
Henry
Jackson
Jessamine
Knott
Lee
Leslie
Letcher
Lincoln
Madison
Menifee
Mercer
Montgomery
Owen
Owsley
Perry
Powell
Scott
Shelby
Wolfe
Woodford

Licking River Basin

Bath
Bourbon
Bracken
Campbell
Clark
Fleming
Grant
Harrison
Kenton
Lewis
Magoffin
Mason
Menifee
Montgomery
Morgan
Nicholas
Pendleton
Robertson
Rowan

Tygart's River Basin

Boyd
Carter
Elliott
Greenup

Green River Basin

Adair
Allen
Barren
Breckenridge
Butler
Casey
Christian
Daviess
Edmonson
Grayson
Green
Hancock
Hardin
Hart
Henderson
Hopkins
LaRue
Lincoln
Logan
McLean
Metcalfe
Monroe
Muhlenberg
Ohio
Russell
Simpson
Taylor
Todd
Warren
Webster

Upper Cumberland River Basin

Adair
Bell
Casey
Clinton
Cumberland
Harlan
Jackson
Knox
Laurel
Letcher
Lincoln
Metcalf
McCreary
Monroe
Pulaski
Rockcastle
Russell
Wayne
Whitley

Salt River Basin

Anderson
Boyle
Breckenridge
Bullitt
Carroll
Casey
Hardin
Henry
Jefferson
Larue
Marion
Meade
Mercer
Nelson
Oldham
Shelby
Spencer
Trimble
Washington

Ohio River Basin

All Bordering Counties

Lower Cumberland/Tradewater

Caldwell
Christian
Crittenden
Henderson
Hopkins
Livingston
Logan
Lyon
Simpson
Todd
Trigg
Union
Webster

Tennessee and Mississippi River Basin

Ballard
Calloway
Carlisle
Fulton
Graves
Hickman
Livingston
Lyon
Marshall
McCracken
Trigg

Little Sandy River Basin

Boyd
Carter
Elliott
Greenup
Lawrence

Expanded Index for The “State of Kentucky’s Environment” Report

The following is an expanded index for the “State of Kentucky’s Environment: A Report of Progress and Problems,” a companion report to this teacher’s guide. The index will help you find the references to your county or facilities in your community that are included in the report.

- A.L. Taylor Superfund Site 142
- Abandoned Mine Land Fund 280
- Adair County 61, 194, 316
(see also Maps, counties outlined)
- Adairville 42, 43
- Adopt-A-Highway Program 164
- Aeroquin Sterling Co. 184
- Ages Creek 79
- Agricultural District Act 204
- Ahlstrom Filtration Co. 179
- Air Products and Chemicals Co. 179, 182, 184
- Airco Superfund Site 141, 142, 185
- AKE Co. 301
- Akzo Coatings, Inc. 138, 179, 182
- Alabama 133, 134, 151, 280
- Alexandria 164, 194
- Allen County 61, 114, 316 (see also
Maps, counties outlined)
- Allied Signal Co. 184
- Allied Auto BHVS Co. 184
- Ambrake Corp. 104, 184
- American Cave Conservation Assn. 243
- American Olean Tile Co. 184
- American Standard Co. 182
- American Synthetic Rubber Corp. 102,
104, 179, 182, 184
- Anchorage 232
- Anderson County 54, 61, 57, 61, 161,
205, 210, 316 (see also Maps, counties outlined)
- Appalachian Air Quality Control Region 82, 85, 86, 90, 93,
94, 96, 98
- Appalachian Regions 85
- Applicator Violator System 271
- Arizona 280
- Aristech Chemical Corp. 182, 184
- Armco Steel Co. 95, 104, 179, 182
- Armstrong World Industries 184
- Ashland 42, 45, 108, 184, 194
- Ashland-Huntington Air Quality Control Region 82, 85, 86,
88, 90, 92, 93, 94, 95, 96, 97, 98
- Ashland Oil Co. 97, 105, 128, 173, 182
- Ashland Petroleum Co. 179, 184
- Atochem Co. 123, 126, 133, 154, 182
- ATR Wire/Cable Co. 182
- Auburn 42, 43, 142
- Audubon Park 160
- Autostyle Plastics Co. 104, 182
- B.F. Goodrich Co. 102, 123, 133, 141, 142, 182, 185
- B.F. Goodrich Superfund Site 141, 142, 185
- Bach Slough 261
- Bad Branch 239
- Ballard County 61, 261, 316 (see also Maps, counties
outlined)
- Ballard Wildlife Management Area 260
- Barbourville 194
- Bardstown 41, 42, 43
- Barmet Aluminum Co. 179
- Barnwell, South Carolina 171
- Barren County 43, 61, 62, 160, 205, 209, 242, 261, 282,
316 (see also, Maps, counties outlined)
- Barren River Area Development District 160
- BASF Corp. 184
- Batesville Casket Co. 104
- Bath County 61, 62, 71, 77, 155, 194, 316 (see also Maps,
counties outlined)
- Bavarian Trucking Co. 151, 153
- Bayou de Chien System 261
- Beatty, Nevada 171
- Beaver Creek 235
- Beaver Dam 42, 43
- Bell County 61, 100, 155, 164, 180, 194, 285, 316 (see also
Maps, counties outlined)
- Bellevue 160, 194
- Benton 53
- Berea 42
- Bergen, New Jersey 151
- Beshear Lake 57
- BFI Co. 153
- Big Rivers Electric 99, 100
- Big Black Mountain 252
- Big Sandy Area Development District 44, 74, 161
- Big Sandy Company 266
- Big Sandy River 50, 55, 56, 57, 66, 100
- Big Sandy River Basin 30, 33, 36, 39, 48, 49, 51, 52, 282
- Big South Fork 239
- Big Woods Natural Area 235
- Blaine Creek 48
- Blood River Bottoms 261
- Blue Ridge 160
- Bluegrass Air Quality Control Region 82, 85, 86, 90, 92, 93,
94, 96, 97, 98
- Bluegrass Area Development District 44
- Bluegrass Army Depot 133
- Bluegrass Region 194, 197, 198, 204, 209, 220, 223, 225,
235, 252, 254, 255
- Bluegrass Tomorrow 194
- Boone County 54, 61, 83, 84, 87, 88, 100, 149, 151, 153,
160, 182, 205, 316 (see also Maps, counties
outlined)
- Boonesboro 80

Booneville 49
 Booneville W & S Dept 77
 Borden Inc., Pkg. 184
 Bourbon County 61, 77, 117, 214, 220, 316
 (see also Maps, counties outlined)
 Bourbon Creek 51
 Bowling Green 42, 63, 70, 184
 Boyd County 4, 5, 61, 83, 84, 86, 87, 88, 97, 102, 104,
 123, 128, 151, 153, 176, 178, 179, 182, 194, 316
 (see also Maps, counties outlined)
 Boyle County 57, 61, 161, 182, 316 (see also Maps,
 counties outlined)
 Bracken County 61, 149, 205, 316 (see also Maps, counties
 outlined)
 Brandenburg 184, 194
 Brantley Landfill Superfund Site 142
 Breathitt County 49, 61, 77, 194, 230, 232, 274, 282, 285,
 299, 316 (see also Maps, counties outlined)
 Breckinridge County 57, 61, 194, 205, 209, 316 (see also
 Maps, counties outlined)
 Briggs and Stratton Co. 182
 Briggs Lake 57
 Brooks 120, 142
 Brown Printing Co. 104, 179
 Browning Manufacturing 104
 Buckhorn Lake 56, 57, 282
 Buffalo Trace Area Development District 161
 Bullitt County 61, 71, 83, 84, 88, 117, 120, 141, 142, 205,
 261, 316 (see also Maps, counties outlined)
 Burkesville 194
 Burkesville Municipal WW 77
 Burnaugh 184
 Burnside 194
 Butler 45
 Butler County 46, 61, 179, 194, 219, 261, 274, 286, 316
 (see also Maps, counties outlined)
 Buttermilk Springs 62
 Cabell West Virginia 151
 Cadiz 42
 Caldwell County 57, 61, 154, 216, 261, 316 (see also Maps,
 counties outlined)
 Caldwell Lace & Leather Superfund Site 142
 Calhoun 42, 43
 Calloway County 61, 182, 205, 235, 261, 316 (see also
 Maps, counties outlined)
 Calvert City 10, 42, 62, 64, 108, 126, 133, 142, 160, 184,
 185, 232
 Campbell 43
 Campbell County 42, 61, 83, 84, 87, 88, 128, 141, 142,
 149, 160, 164, 194, 205, 316 (see also Maps,
 counties outlined)
 Campbell/Kenton S. D. #1 45
 Campbell, Tennessee 151
 Campbellburg 45
 Campbellsville 42, 43, 194
 Campbellsville Lake 57
 Canada 5, 109, 232, 297
 Caneyville Lake 57
 Caneyville Municipal WW 77
 Cannon Creek Reservoir 285
 Cargill Co. 184
 Carlisle 194
 Carlisle County 61, 205, 261, 316 (see also Maps, counties
 outlined)
 Carpenter Lake 57
 Carr Fork Lake 56, 57
 Carr Lake 282
 Carroll County 61, 100, 126, 179, 194, 316 (see also Maps,
 counties outlined)
 Carrollton 70, 136, 154, 194
 Carter County 61, 77, 88, 239, 316
 (see also Maps, counties outlined)
 Casey County 57, 61, 194, 316 (see also, Maps, counties
 outlined)
 Catlettsburg 5, 45, 97, 108, 184, 194
 Caveland Sanitation Authority 42
 Central Appalachian Basin 264
 Central Region, Kentucky 6, 13, 115, 195, 197, 198, 209,
 232, 235, 251, 252
 Central Region, U.S. 251
 Ceredo, WV 108
 Christian County 43, 54, 57, 61, 71, 77, 104, 160, 182,
 205, 212, 214, 261, 316 (see also Maps, counties
 outlined)
 Christian County Swamp 261
 Cincinnati Gas & Electric Co. 99, 100
 Clark County 61, 100, 316 (see also Maps, counties
 outlined)
 Clarks River System 261
 Clay County 61, 274, 299, 316 (see also, Maps, counties
 outlined)
 Clean Community Programs 164
 Clifty 235
 Clinton County 61, 205, 297, 316 (see also Maps, counties
 outlined)
 Cloverport 194
 Cold Spring 160, 194
 Columbia 194
 Columbia, Pennsylvania 151
 Commonwealth Aluminum Co. 179, 182
 Connecticut 151
 Conservation Reserve Program 207
 Cooksey Brothers Disposal Co. 151, 153
 Corbin 41, 42, 43, 194
 Corbin Lake 57
 Council of State Governments 44
 Covington 53
 Cranks Creek 57
 Cranks Creek Lake 56
 Crestview Hills 160

Crittenden County 57, 61, 70, 114, 261, 316 (see also Maps, counties outlined)
 Crofton Water Department 77
 Cumberland County 61, 77, 117, 194, 205, 316 (see also Maps, counties outlined)
 Cumberland Plateau 252, 255
 Cumberland River 239, 240, 247, 248
 Cumberland River Basin 66, 239
 Cumberland Valley Area Development District 74, 161
 Cumberland WW 77
 Cynthiana 42, 43, 184
 Cypress Creek 185
 Cypress Creek System 261
 Dale Hollow Lake 259
 Daniel Boone National Forest 13, 14, 220, 225, 227, 228, 229, 230, 239, 240, 243, 248, 255, 259, 262
 Danville 42, 161
 Daviess County 55, 57, 61, 83, 84, 100, 114, 142, 161, 178, 182, 205, 212 214, 297, 316 (see also, Maps, counties outlined)
 Dayhoit/Cooper Industry proposed Superfund Site 141
 Dayhoit (Holiday Mobile Home Park) 70
 Dayton 194
 Deer Creek System 261
 Delaware, Pennsylvania 151
 Dewey Lake 56, 57, 282
 Distler Brickyard Superfund Site 142
 Distler Farm Superfund Site 142
 Dow Corning Co. 136, 179
 Dozit Co. 151
 Drakes Creek 45, 247
 Dundee 49
 DuPont Chemical Co. 63, 123, 126, 129, 150, 179, 182, 184
 E.R. Carpenter Co. 104, 179, 182
 E.R. Hopper Landfill 153
 Eagle Creek 49
 East Kentucky Power Co. 99, 100
 East Kentucky Rural Electric Co.-Dale 100
 Eastern Forestland Region 223
 Eastern Kentucky 10, 13, 25, 195, 197, 198, 204, 217, 221, 227, 230, 232, 251, 252, 264, 265, 266, 268, 274, 279
 Eastern Kentucky Coalfield 15, 264, 288, 295
 Eastern U.S. 232
 Eaton Corp. 114, 184
 Edmonson County 61, 62, 83, 84, 239, 242, 261, 282, 316 (see also Maps, counties outlined)
 Edmonton 42
 Elizabethtown 42, 43, 136, 141, 160, 194
 Elizabethtown Municipal WW 77
 Elk Horn Coal Corp. 266
 Elkhorn City 45
 Elkton 42, 43, 194
 Elliott County 61, 316 (see also Maps, counties outlined)
 Elsmere 160
 Emerson Electric Co. 104
 Eminence 42
 Engelhard Corp. 182, 183
 England 297
 Ensign-Bickford Co. 179
 Enterprise Coal Co. 266
 Environmental Assessments 257
 Environmental Impact Statements 257
 Environmental Quality Commission 1, 19, 26, 27, 28
 Erlanger 160
 Estill County 61, 153, 156, 161, 316 (see also Maps, counties outlined)
 Farm Bill (1990) 256
 Farm Chemical Amnesty Collection 154
 Fayette County 54, 61, 77, 83, 84, 100, 114, 161, 162, 316 (see also, Maps, counties outlined)
 Federal Cave Resources Act 243
 Fish Lake 261
 Fishtrap Lake 56, 57
 Flatwoods 194
 Fleming County 10, 57, 61, 142, 149, 151, 152, 156, 170, 209, 214, 316 (see also Maps, counties outlined)
 Flemingsburg 42
 Florence 184
 Florida 109, 151
 Floyd County 57, 61, 64, 194, 230, 232, 299, 316 (see also Maps, counties outlined)
 Floyds Fork 44, 55
 Ford Motor Co. 102, 104, 183, 184
 Fordsville Water System 77
 Forest Hills 160
 Forest Stewardship Program 234
 Forest Stewardship Act 256
 Fort Thomas 53, 194
 Fort Hartford Coal Superfund Site 142
 Fort Mitchell 160
 Fort Wright 160
 Frankfort 42, 45, 78, 80, 161, 184
 Franklin 42, 153, 301
 Franklin Circuit Court 285
 Franklin County 54, 61, 153, 161, 205, 316 (see also Maps, counties outlined)
 Fulton 42, 43
 Fulton County 43, 61, 205, 261, 316 (see also Maps, counties outlined)
 G.E. Appliances Co. 102, 104, 179, 182, 184
 G.E. Co. Aircraft Engines 104, 184
 G.E. Engines Co. 182
 GAF Chemical Corp. 102, 184
 Gallatin County 49, 61, 194, 316 (see also Maps, counties outlined)
 Gallatin, Illinois 151
 Gamco Products Co. 184
 Garrard County 57, 61, 194, 316 (see

also, Maps, counties outlined)

Gates Rubber Co. 104, 114, 182

Gateway Area Development District 74, 161

Gateway District Health Department 44

General Electric Co. 114, 184

General Motors 104, 179, 184

General Tire & Rubber Superfund Site 142

Geographical Information System 20, 260

George Lake 57

Georgetown 42, 43, 60, 70

Glasgow 42, 43, 184

Glencoe 49

GMC CPC Co. Group 184

Governor's Office for Coal & Energy 305, 306

Grant County 54, 55, 61, 104, 147, 205, 252, 316 (see also Maps, counties outlined)

Graves County 61, 64, 142, 209, 261, 316 (see also Maps, counties outlined)

Grayson County 57, 61, 62, 77, 209, 237, 261, 316 (see also Maps, counties outlined)

Grayson Region 269

Great Lakes 249

Green County 61, 316 (see also Maps, counties outlined)

Green Hills WD 77

Green River 50, 261, 239, 247

Green River Area Development District 161

Green River Basin 30, 33, 36, 39, 48, 49, 51, 52, 57, 66, 210, 242, 282

Green River Disposal Superfund Site 142

Greenup County 43, 49, 61, 83, 84, 88, 95, 151, 194, 316 (see also Maps, counties outlined)

Greenup Sanitation Service 151

Greenville Municipal WW 77

GTE Products Co. 104, 179, 182

GTE Valenite Co., Micro Devices Division 114

Guist Creek Lake 57

Guthrie 42

Guthrie Water Works 77

Hamilton, Ohio 151

Hancock County 5, 61, 83, 84, 100, 101, 102, 104, 122, 123, 141, 178, 179, 182, 316 (see also Maps, counties outlined)

Hanford Low-Level Radioactive Waste Site 171

Hardin County 43, 49, 61, 77, 104, 114, 142, 160, 182, 194, 205, 209, 261, 316 (see also Maps, counties outlined)

Hardin County Pond 261

Hardin County Sloughs 261

Hardin County WD #1 77

Hardinsburg 194

Harlan 42, 45

Harlan County 57, 61, 64, 77, 79, 141, 155, 239, 252, 316 (see also Maps, counties outlined)

Harlan Municipal WW 77

Harrison 43

Harrison County 61, 252, 316 (see also Maps, counties outlined)

Harrod's Creek 44

Harrodsburg 42, 43

Harshaw Chemical Co. 184

Hart County 61, 62, 117, 209, 235, 239, 242, 261, 282, 316 (see also Maps, counties outlined)

Hartford 42

Hazard 194

Hazard Water Dept. 77

Heidelberg 49

Henderson 42, 43, 34, 97, 184

Henderson County 43, 54, 57, 61, 71, 100, 205, 214, 261, 297, 316 (see also Maps counties outlined)

Henderson County Wetlands 261

Henderson-Evansville Air Quality Control Region 82, 85, 86, 90, 92, 93, 94, 95, 96, 98, 99

Henderson Municipal Power & Light Co. 99, 100

Henry County 57, 61, 122, 123, 129, 160, 205, 316 (see also Maps, counties outlined)

Herman Crouch Landfill 153

Herrington Lake 57

Hi-Tek Polymers Co. 102, 179, 182, 184

Hickman County 61, 71, 205, 214, 237, 261, 316 (see also Maps, counties outlined)

Hidden Rivers Cave 242

Highland Creek System 261

Highland Heights 194

Hillsboro 142

Hilltop Landfill 151

Hitachi Auto Products Co. 114

Hite Creek 43

Holley Replacement Parts Co. 114, 182

Honker Lake 57

Hopkins County 49, 54, 56, 57, 61, 102, 104, 114, 178, 179, 182, 244, 261, 297, 316 (see also Maps, counties outlined)

Hopkinsville 42, 43, 160, 183, 184

Horse Cave 63, 242, 243

Howe Valley Superfund Site 141, 142

Humphrey Creek System 261

Illinois 69, 133, 152, 171

Illinois Tool Works 184

Imco Recycling Co. 179

INCO Alloys International Inc. 184

INCO United States 184

Indiana 69, 133, 151, 152, 280

Industrial Waste Haulers site 141
 Integrated Pest Management 218, 219
 Interagency Farmland Task Force 204
 Irvington 194
 Island 142
 ISP Chemicals Co. 179, 182
 ITW INC Shakeproof Co. 184
 Jackson 49, 194
 Jackson County 61, 77, 155, 316 (see also, Maps, counties outlined)
 Jackson Municipal WW 77
 Jackson Purchase 204, 243, 255
 Jackson Region 269
 Jamestown 42, 43, 56
 Jefferson County 4, 5, 43, 44, 54, 55, 57, 61, 62, 83, 84, 87, 88, 91, 95, 97, 101, 102, 104, 105, 106, 114, 116, 117, 122, 123, 126, 140, 141, 142, 144, 150, 153, 160, 176, 178, 179, 180, 182, 205, 232, 316 (see also, Maps, counties outlined)
 Jefferson County Air Pollution Control District 105, 106
 Jeffersontown 42
 Jenkins WW 77
 Jericho Lake 57
 Jessamine County 61, 104, 161, 162, 194, 214, 316 (see also Maps, counties outlined)
 Jideco Co. of Bardstown 104
 Johnathan Creek Bottoms 261
 Johnson Controls 182
 Johnson County 49, 61, 123, 155, 173, 182, 194, 282, 299, 316 (see also Maps, counties outlined)
 Katherine Station 71
 Ken-Tron Co. 114, 182
 Kenova, WV 108
 Kenton County 42, 54, 61, 83, 84, 87, 88, 149, 160, 205, 316 (see also Maps, counties outlined)
 Kentuckiana Area Development District 160
 Kentucky American Water Co. 77
 Kentucky Berwind Corp. 266
 Kentucky Beverage Industry Recycling Program (BIRP) 161
 Kentucky Chapter of the Nature Conservancy 260
 Kentucky Farm Bureau 71
 Kentucky General Assembly 193
 Kentucky Geological Survey 296
 Kentucky Heritage Conservation Board 260
 Kentucky Hospital Association 168
 Kentucky Income Tax Nongame Wildlife/Natural Areas 253
 Kentucky Institute of Mines and Mineral Reserach 299
 Kentucky Lake 249
 Kentucky Legislative Research Commission 192
 Kentucky Mine Subsidence Insurance Fund 280
 Kentucky Nature Preserves Commission 235, 253, 254
 Kentucky Partners 138
 Kentucky Power Co. 99, 100
 Kentucky Press Association 161
 Kentucky Recycling Brokerage Authority 163
 Kentucky Resources Council 271
 Kentucky River 2, 4, 50, 80, 164
 Kentucky River Area Development District 74, 160
 Kentucky River Basin 30, 33, 36, 39, 48, 49, 51, 52, 57, 66, 80, 210, 282, 288
 Kentucky River Coal Corp. 266
 Kentucky State Parks 230
 Kentucky Supreme Court 284
 Kentucky Transportation Cabinet 204
 Kentucky Utilities Co. 99, 100
 Kentucky Utilities-Pineville 100
 Kentucky Wild Rivers System 239
 Kentucky Woodlands National Wildlife Refuge 250
 Kentucky's Boone Karst Conservation Task Force 243
 Kentucky's Habitat Improvement Program 256
 Keysburg 71
 Kincaid Lake 57
 Kingfisher Lake 55
 Knott County 57, 61, 70, 285, 299, 316 (see also Maps, counties outlined)
 Knox County 61, 161, 194, 205, 274, 299, 316 (see also Maps, counties outlined)
 Koppers Industries 179
 Lake Cumberland 56, 194
 Lake Cumberland Area Development District 160
 Lake Barkley 248
 Laketon Area 261
 Lancaster 42, 194
 Land Between the Lakes 229, 230, 235, 250, 252, 259
 Larue County 57, 61, 205, 316 (see also, Maps, counties outlined)
 Laurel Creek Lake 57
 Laurel County 43, 57, 61, 114, 153, 235, 239, 261, 274, 316 (see also, Maps, counties outlined)
 Laurel County Swamp 261
 Laurel River 57
 Lawrence County 48, 61, 88, 100, 151, 173, 316 (see also Maps, counties outlined)
 Lawrence, Ohio 151
 Lawrenceburg 42, 216
 Lebanon 42, 45, 160, 194
 Lee County 49, 61, 282, 297, 316 (see also Maps, counties outlined)
 Lee's Lane Landfill Superfund Site 141, 142
 Lehigh, Pennsylvania 151
 Leitchfield 41, 42
 Leslie County 57, 61, 74, 160, 235,

274, 277, 297, 299, 316 (see also, Maps, counties outlined)

Letcher County 61, 64, 77, 194, 237, 239, 297, 299, 316 (see also Maps, counties outlined)

Levisa Fork 49

Lewis County 61, 149, 205, 316 (see also, Maps, counties outlined)

Lewisburg 49, 160

Lewisport 184

Lexington 42, 53, 133, 154, 161, 184, 237

Lexington Bluegrass Army Depot 128

Lexington/Fayette County Health Department 187

Lexington/Fayette County Landfill 153

LexMark/IBM 114, 184

Liberty 194

Liberty Lake 57

Licking River 44, 48, 50, 56

Licking River Basin 2, 30, 33, 36, 39, 49, 51, 57, 66

Lilly Cornett Woods 237

Lincoln County 57, 61, 153, 194, 205, 316 (see also Maps, counties outlined)

Lincoln Trail Area Development District 160

Liquid Waste Disposal (LWD) 126, 152, 153, 216

Little Bayou Creek 45, 46, 247

Little Sandy River 50, 56, 210

Little Sandy River Basin 30, 33, 36, 39, 48, 49, 51, 52

Little South Fork 239, 240

Livermore 42

Livingston County 61, 83, 84, 237, 316 (see also Maps, counties outlined)

Load 49

Loch Mary Lake 56, 57

Logan 46

Logan Aluminum Co. 182

Logan County 43, 49, 57, 61, 62, 71, 102, 104, 142, 153, 178, 179, 182, 212, 214, 261, 316 (see also, Maps, counties outlined)

Logan County Pond 261

London 42

London Region 269

Lost River 62

Louisiana 133, 173

Louisville 9, 41, 42, 53, 63, 70, 78, 84, 85, 86, 95, 97, 129, 142, 144, 146, 150, 154, 160, 168, 183, 184, 185, 186, 219, 301

Louisville Air Quality Control Region 82, 85, 86, 88, 90, 92, 93, 94, 95, 96, 97, 98

Louisville Energy and Environment Corp. 150

Louisville Gas & Electric Co. 99, 150

Louisville/Jefferson County Metropolitan Sewer District 41, 43, 154

Louisville Resource Conservation Council 303

Louisville Water Company 70

Lower Cumberland 50

Lower Cumberland River Basin 30, 33, 36, 39, 51, 57

Lower Red River 240

Lower Rolling Fork 261

Lynch Water Plant 77

Lyndon 160

Lyon County 61, 316 (see also Maps, counties outlined)

Maceo 142

Madison County 54, 57, 61, 102, 128, 161, 178, 316 (see also Maps, counties outlined)

Madisonville 42, 184

Madisonville Region 269

Magoffin County 61, 77, 155, 274, 316 (see also Maps, counties outlined)

Mallinckrodt Inc. 184

Mammoth Cave 3, 242

Mammoth Cave National Park 242, 243

Maps 30, 46, 59, 64, 72, 78, 82, 84, 101, 116, 123, 131, 140, 149, 162, 165, 176, 194, 198, 214, 221, 223, 232, 241, 242, 264, 269, 277, 297, 316

Maps, counties outlined 46, 64, 72, 78, 82, 84, 101, 116, 123, 131, 140, 149, 162, 165, 176, 194, 198, 214, 221, 223, 232, 241, 242, 264, 269, 277, 316

Marion 42

Marion County 57, 61, 160, 194, 205, 316 (see also Maps, counties outlined)

Marion County Lake 57

Marsh Creek 240

Marshall County 3, 5, 61, 62, 83, 84, 87, 101, 102, 122, 123, 126, 133, 142, 152, 153, 154, 155, 176, 178, 179, 180, 182, 216, 235, 237, 261, 316 (see also, Maps, counties outlined)

Martha Oil fields 10, 173

Martin County 61, 74, 197, 205, 282, 299, 316 (see also Maps, counties outlined)

Martin's Fork 239, 282

Martins Fork Lake 56, 57

Maryland 151, 152

MASCO Industries 184

Mason County 61, 100, 104, 149, 161, 205, 237, 316 (see also Maps, counties outlined)

Massachusetts 151

Mauzy Lake 57

Maxey Flats Concerned Citizens 172

Maxey Flats Low-Level Radioactive Waste Site 10, 142, 170, 172

Maxey Flats Superfund Site 10, 142
 Mayfield 42, 142
 Mayfield Creek System 261
 Maysville 42, 45, 184
 Maysville Electric Co. 184
 McCracken County 46, 61, 97, 98,
 100, 180, 182, 235, 261, 316
 (see also Maps, counties outlined)
 McCreary County 54, 57, 61, 155,
 160, 235, 239, 316 (see also
 Maps, counties outlined)
 McKee Municipal WW 77
 McLean County 43, 61, 142, 176, 178,
 179, 261, 316 (see also Maps,
 counties outlined)
 McNeely Lake 57
 Meade County 61, 62, 126, 159, 160,
 194, 316 (see also Maps,
 counties outlined)
 Medigen Co. 169
 Menifee County 61, 62, 71, 235, 239,
 316 (see also Maps, counties outlined)
 Mercer County 43, 57, 61, 100, 104,
 114, 182, 316 (see also Maps,
 counties outlined)
 Metcalfe County 57, 61, 261, 316
 (see also Maps, counties outlined)
 Metcalfe County Lake 57
 Metropolis Lake Area 261
 Mexico 297
 Michigan 133
 Mid-Western Region, Kentucky 198
 Middlesboro 42, 194
 Middlesboro Region 269
 Middlesboro Tannery 180
 Midwest U.S. 109
 Mississippi 133
 Mississippi River Basin 30, 33, 36, 39, 51, 66, 210
 Missouri 151
 Monroe County 43, 61, 316 (see also
 Maps, counties outlined)
 Montgomery County 61, 62, 71, 155,
 193, 194, 316 (see also Maps,
 counties outlined)
 Montgomery, Pennsylvania 151
 Monticello 42
 Morehead State University 71
 Morgan County 61, 62, 71, 77, 316
 (see also Maps, counties outlined)
 Morganfield 42, 45
 Morgantown 42, 194
 Morris Forman MSD 43, 45
 Morris Lake 57
 Mossac, Illinois 151

Mt. Sterling 42, 194
 Mud River 49, 247
 Mud River/Roundabout Swamp System 261
 Muddy Creek/Little Muddy Creek 261
 Muhlenberg County 46, 61, 77, 97,
 98, 100, 179, 261, 297, 316
 (see also Maps, counties outlined)
 Muldraugh 194
 Murphy's Pond 237
 Murray 42, 53
 National Energy Strategy 306
 National Mines Corp. 266
 National Science Foundation 257
 National Source Reduction Council 163
 National Southwire Aluminum Plant 141
 National Wildlife Federation 271
 Natural Heritage Database 254
 Nature Conservancy 237
 Nature Preserves Commission 237, 257, 258, 260, 262
 Nelson County 43, 57, 61, 104, 205,
 209, 261, 316 (see also Maps, counties outlined)
 Nevada 170, 171, 280
 New Hampshire 151
 New Jersey 133, 145, 150, 151, 152
 New Mexico 219
 New York 69, 133, 145, 150, 151
 Newport 53, 194
 Newport Superfund Site 141, 142
 Newport Steel Co. 128
 Nicholas County 61, 149, 194, 220,
 316 (see also Maps, counties outlined)
 Nicholasville 42, 184, 194
 Nolin River 49
 Norris Trim Co. 104, 184
 North American Waterfowl Management Plan 256
 North American Wetlands Conservation Act 256
 North Carolina 151, 152, 198
 North Carolina Appalachian Region 232
 North Central Air Quality control
 Region 82, 85, 86, 90, 94, 96, 98
 North Fork of Kentucky River 49
 North Hampton, Pennsylvania 151
 North Middletown Municipal WW 77
 North Star Steel Co. KY 180, 184
 Northeastern U.S. 5, 7, 109, 145, 232
 Northern Cumberland Forestland Region 223, 225
 Northern Kentucky 4, 84, 86, 87, 198
 Northern Kentucky Area Development District 160
 Northern Kentucky/Cincinnati Air Quality Control Region
 82, 85, 86, 88, 90, 92, 93, 94,
 Northern U.S. 252
 Obion Creek System 261
 Ohio 69, 108, 133, 144, 151, 152, 280
 Ohio and Tributaries Basin 66

Ohio Counties 88
 Ohio County 43, 49, 57, 61, 77,
 100, 142, 147, 261, 286, 316
 (see also Maps, counties outlined)
 Ohio River 31, 44, 45, 46, 47, 53,
 54, 56, 69, 164, 171, 185,
 210, 213, 247, 248, 249, 302
 Ohio River Basin 30, 33, 36, 39, 50, 51, 52, 57
 Ohio River Valley 5, 109
 Ohio River Valley Sanitation Commission 69, 213
 Olaton 142
 Oldham County 44, 54, 57, 61, 83,
 84, 88, 142, 205, 210, 316
 (see also Maps, counties outlined)
 Olin Corp. 126, 184
 Olive Hill WW 77
 Olney 49
 OMU Elmer Smith Power Plant 100
 Outer Loop Landfill 150
 Outstanding Resource Waters 13, 241
 Owen County 61, 77, 194, 316 (see
 also, Maps, counties outlined)
 Owensboro 42, 45, 63, 64, 70, 78, 97, 161, 184
 Owensboro Municipal Utility Co. 99
 Owenton 194
 Owenton WW 77
 Owingsville 42, 194
 Owingsville WW 77
 Owsley County 49, 61, 77, 160, 274,
 316 (see also Maps, counties outlined)
 Paducah 9, 32, 42, 45, 70, 78, 97,
 133, 160, 170, 171, 172, 185
 Paducah-Cairo Air Quality Control
 Region 82, 85, 86, 90, 92, 93, 98 94, 96, 97,
 Paducah Gaseous Diffusion Plant 172, 180
 Paintsville 49, 194
 Panther Creek System 261
 Paris 42, 184
 Paris Municipal WW 77
 Peabody Coal Co. 266
 Peewee Valley 142
 Pegasus Resource Co. 266
 Pendleton County 57, 61, 316 (see
 also, Maps, counties outlined)
 Pennsylvania 69, 150, 151, 152, 280
 Pennyroyal Area Development District 160
 Pennyroyal Region 217, 222, 223, 225, 252, 255
 Perry County 57, 61, 64, 77, 160,
 194, 282, 297, 299, 316, (see
 also, Maps, counties outlined)
 Philadelphia, Pennsylvania 151
 Phillips Lighting Co. 182
 Pike County 49, 57, 61, 64, 74, 147,
 159, 161, 220, 230, 232, 274,
 277, 282, 299, 316 (see also
 Maps, counties outlined)
 Pikeville 45, 49, 153
 Pikeville Region 269
 Pineville 100, 194, 285
 Pittsburg and Midway Coal Mining Co. 266
 PMS Consolidated Co. 182
 Pochahontas Development Corp. 266
 Pond Creek System 261
 Pond River System 261
 Porcelain Metals Co. 182
 Potter and Brumfield Co. 114
 Powell County 61, 161, 194, 316 (see
 also, Maps, counties outlined)
 Premier Polymers Co. 182
 Premium Allied Tool Inc. 114, 182
 President's Council on Environmental Quality 257
 Prestonsburg 45, 194
 Prestonsburg Region 269
 Princeton 42, 45
 Providence 194
 Pulaski County 43, 61, 100, 151,
 155, 156, 180, 194, 197, 239,
 282, 316 (see also Maps, counties outlined)
 Pulaski Landfill, Inc. 151, 153
 Purchase Area Development District 44, 160
 Purchase Region 198
 Radcliff 194
 Raven Run Nature Sanctuary 237
 Raymond Carpenter Landfill 151
 Raytheon Co 184
 Red-Penn Sanitation Co. Superfund Site 142
 Red River 239, 240
 Reformatory Lake 57, 210
 Reynolds Metals Co. 184
 Rhode Island 151
 Rhone-Poulac 184
 Richland Slough Area 261
 Richland, Washington 171
 Richmond 41, 42, 128, 161, 184
 Rio de Janeiro, Brazil 112
 Robertson County 61, 149, 237, 316
 (see also Maps, counties outlined)
 Robinswood 160
 Rock Creek 239, 240
 Rockcastle County 61, 161, 239, 261,
 316 (see also Maps, counties outlined)
 Rockcastle County Swamp 261
 Rockcastle River 239, 240
 Rockwell International Corp. 62, 183, 184
 Roe Creek Development Inc. 151
 Rohm & Haas Co. 123, 179, 180
 Rolling Fields 160
 Rough River 49, 56, 261

Rough River Lake 57
 Rowan County 51, 61, 62, 71, 159,
 161, 316 (see also Maps, counties outlined)
 Royal Spring 60, 210
 Running Slough 261
 Russel County 42, 43, 61, 194, 205,
 214, 316 (see also Maps, counties outlined)
 Russell County Regional Sewage Treatment Plant 56
 Russell Springs 194
 Russellville 42, 62, 184
 Safety Kleen 123, 129
 Salem Lake 57
 Saline, Illinois 151
 Salt River 50, 261
 Salt River Basin 30, 33, 36, 39, 51, 57, 66, 210
 Salyersville Municipal WW 77
 Sand Lick Creek Lake 57
 Scenic Lake 57
 Scioto, Ohio 151
 Scott County 3, 43, 61, 77, 83, 84,
 102, 104, 117, 154, 161, 178,
 179, 182, 205, 210, 316 (see
 also, Maps, counties outlined)
 Scottsville 42
 Semicon Association Co. 182
 Shawnee Creek System 261
 Shelby County 43, 57, 61, 88, 155,
 161, 205, 209, 214, 219, 316
 (see also Maps, counties outlined)
 Shelby Lake 57
 Shelbyville 42, 43, 161, 184
 Sheller Globe 123
 Sherwin-Williams Co. 184
 Signet Systems Co. 104, 182
 Simpson County 46, 54, 61, 102, 104, 114, 179, 261, 316
 (see also Maps, counties outlined)
 Simpson County Swamp 261
 SKW Alloys Co. 182
 Smith's Farm Superfund Site 141, 142
 Somerset 42, 43, 184, 194
 Somerset Refinery 180
 South Campbell 43
 South Campbell County 42
 South Carolina 134, 151, 152, 170, 171
 South Central Air Quality Control
 Region 82, 85, 86, 90, 94, 96, 98
 South Central Kentucky 85
 South Fork 49
 South Fork of Kentucky River 240
 South Fork of Licking River 51
 South Fork of Station Camp Creek 240
 Southeastern Kentucky 239
 Southeastern U.S. 87, 172, 232, 247
 Southern Cumberland Forestland Region 223, 225

Southern Sanitation Landfill 153
 Southern U.S. 161
 Spa Lake 57
 Speed Queen Co. 184
 Spencer County 57, 61, 161, 252,
 320, 316 (see also Maps, counties outlined)
 Springfield 42, 43, 162, 194
 Springlee 160
 Stamping Ground WW 77
 Standard Gravure Co. 104, 179, 182
 Stanford 42, 194
 Stanford Lake 57
 Stanton 194
 State Bond Pool 274, 277
 Strodes Creek 51
 Sun Manufacturing Co. 104
 Surface Mining Information System 271
 Switzerland, Indiana 151
 Sympson Lake 57, 210
 Taylor County 43, 57, 61, 104, 194,
 205, 316 (see also Maps, counties outlined)
 Taylorsville Lake 57, 210
 Taylorsville Reservoir 57
 Tecumseh Products Co. 184
 Tennessee 134, 151, 152, 252
 Tennessee River 56, 248, 261
 Tennessee River Basin 30, 33, 36, 39, 50, 51, 210
 Tennessee Valley Authority 98, 99, 100, 216, 229,
 235, 254, 295
 Tennessee Valley Authority - Paradise 100
 Tennessee Valley Authority - Shawnee 100
 Terrapin Creek System 261
 Texas Instruments Inc. 184
 Three M Co. 184
 Thomas Industries 183, 184
 Todd County 43, 61, 71, 77, 178,
 179, 194, 205, 212, 214, 219,
 316 (see also Maps, counties outlined)
 Todd County Water District 77
 Tolu Elementary 70
 Tompkinsville 42, 43
 Town Branch of the Mud River 45, 46, 247
 Toyota Motor Co. 104, 154, 179, 182
 Tradewater River Basin 30, 33, 36,
 39, 48, 49, 50, 51, 52, 57, 282
 Tradewater River System 261
 Transient Lakes 261
 Tri-City Industrial Disposal Superfund Site 142
 Tri-County Sanitary Landfill, Inc. 151, 153
 Trigg County 57, 61, 160, 235, 316
 (see also Maps, counties outlined)
 Tri-K Landfill 153
 Trimble County 61, 151, 152, 153,
 155, 156, 316 (see also Maps, counties outlined)

Trinova Co. 184
 Triple M Co. 153
 Triplett Creek 51
 Tygarts Creek 49, 239
 Tygarts Creek Basin 30, 33, 36, 39, 50
 Tyrone 100
 U.S. Corps of Engineers 235
 U.S. Department of Energy Paducah
 Gaseous Diffusion Plant 133, 182, 171
 U.S. Public Health Service 187
 Union Camp Corp. 184
 Union County 54, 57, 61, 122, 123,
 151, 209, 212, 214, 261, 297,
 316 (see also Maps, counties outlined)
 United Catalysts Co. West 182
 United Nations 112
 University of Kentucky 71, 162, 214, 217
 University of Kentucky's Robinson Forest 285
 University of Louisville 138
 Upper Cumberland River Basin 13, 30, 33, 36, 39, 48, 49,
 50, 52, 57, 282
 Upper Green River Watershed 57
 Upper Red River 13, 240
 Utah 173
 Valley of the Drums 120, 141, 142
 Valley View Landfill, Inc. 151, 152, 153, 156
 Vanceburg 45
 Vermont 151
 Vermont American Corporation 114
 Versailles 42, 43, 184
 Vico 160
 Vine Grove 194
 Virginia 69, 151, 152, 252
 Walton 160
 War Fork of Station Camp Creek 240
 Warren County 3, 46, 54, 61, 62,
 104, 114, 117, 160, 178, 179,
 182, 261, 316 (see also Maps,
 counties outlined)
 Warsaw 194
 Washburn Lake 57
 Washington 170, 171
 Washington County 43, 61, 194, 261,
 316 (see also Maps, counties outlined)
 Washington County Swamp 261
 Washington, DC 151
 Waste Management Co. 153
 Wayne County 54, 61, 205, 239, 261,
 316 (see also Maps, counties outlined)
 Wayne County Swamp 261
 Wayne, West Virginia 151
 Webster County 61, 97, 100, 194,
 219, 261, 316 (see also Maps, counties outlined)
 West Buechel 160
 West Fork Drakes Creek 46
 West Liberty W & S 77
 West Point 142
 West Virginia 69, 97, 108, 151, 152, 252, 280
 West Virginia Counties 88
 Western Forestland Region 223
 Western Kentucky 12, 13, 17, 25, 63, 109, 195, 209, 210,
 221, 222, 223, 225, 229, 232, 243, 244, 251,
 252, 254, 264, 265, 279, 284, 301, 302
 Western Kentucky Coalfield 15, 222,
 223, 224, 243, 255, 264, 288, 295
 Westlake Monomers Co. 179, 182
 Westvaco Corp. 183, 184
 White Mill 49
 Whitesburg 194
 Whitesburg Municipal WW 77
 Whitley County 61, 64, 151, 153,
 161, 194, 239, 274, 299, 316
 (see also Maps, counties outlined)
 Wickliffe 183, 184
 Wild Rivers 13, 240
 Wilder 142, 194
 Wilgreen Lake 57
 Willamette 104, 123, 182
 Williamsburg 42, 161, 194
 Williamstown 42
 Williamstown Lake 55
 Winchester 42
 Winding Falls 160
 Wolfe County 61, 235, 239, 316 (see
 also, Maps, counties outlined)
 Woodford County 43, 61, 100, 102,
 104, 162, 176, 178, 179, 182,
 205, 214, 316 (see also Maps,
 counties outlined)
 Worthington 45
 Wurtland 42, 43
 Wyoming 280

Teacher's Guide to Kentucky's Environment

KERA Goals and Learner Outcomes

Chapter	Activity	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6
1	1. Your Water Resources	1-8, 10-12	1-6, 8-11, 13, 18-20, 30, 31, 33	ALL	ALL	ALL	ALL
1	2. When the Creek Is Your Neighbor	ALL	ALL	ALL	ALL	ALL	ALL
1	3. Wastewater: Where Does it Go?	1-5, 8, 10-12	1-6,10,11,13, 18-21,30,33	2,4,6,7	ALL	ALL	ALL
1	4. Understanding Groundwater	ALL	ALL	ALL	ALL	ALL	ALL
1	5. Protecting Your Drinking Water	ALL	1-22, 30, 33, 37	ALL	ALL	ALL	ALL
2	1. Understanding Air Pollution	1-6, 9-12, 16	1-8, 10-13, 19, 22	ALL	ALL	ALL	ALL
2	2. Measuring Your Air Quality	1-12	1-8, 10, 11, 15, 18-20, 22, 31	ALL	ALL	ALL	ALL
2	3. Acid Rain in Kentucky	ALL	ALL	ALL	ALL	ALL	ALL
2	4. Global Warming and Ozone Depletion	ALL	ALL	ALL	ALL	ALL	ALL
2	5. Radon Gas: The Hidden Risk	ALL	ALL	ALL	ALL	ALL	ALL
3	1. Hazardous Waste in Kentucky	1-12	1-14, 16, 18-21, 31	ALL	1-4, 6	ALL	ALL
3	2. Reducing Hazardous Waste in Your School	1-4,8-12,16	1-6,8,10-13 18-22,29-31	ALL	ALL	ALL	ALL
3	3. Contaminated Waste Sites in Kentucky	1-12, 16	1-6, 13-16, 18-21, 30, 36, 37	ALL	ALL	ALL	ALL
3	4. Living in A Throw-Away Society	1-12, 16	1-11, 13-21, 26, 30, 31, 37	ALL	ALL	ALL	ALL
3	5. Cleaning Up Your Community	ALL	ALL	ALL	ALL	ALL	ALL
3	6. Composting to Save the Environment	1-5,7-12,16	1-6,10-13, 18-22,29-31,33	ALL	ALL	ALL	ALL
4	1. How We Use Our Land	1-12, 16	1-21, 31, 32, 36-38	ALL	ALL	ALL	ALL
4	2. Conserving Our Farmland	1-12, 16	1-21, 30, 31, 37	ALL	ALL	ALL	ALL
4	3. Food, Pesticides, and the Environment	1, 2, 4, 11, 12	1-6, 11, 13	4	3, 4	ALL	ALL

Continued on next page...

Chapter	Activity	Goal 1	Goal 2	Goal 3	Goal 4	Goal 5	Goal 6
	Continued...						
4	4. The Great Kentucky Forests	1-12	1-13	ALL	ALL	ALL	ALL
4	5. Threats to Kentucky's Forests	1-12	1-13	ALL	ALL	ALL	ALL
4	6. Kentucky's Endangered Wetlands	1-12	1-13	5	4	1, 2	ALL
4	7. The Land That Breathes	1-5,8,10-12,16	1-6,10-13,19	ALL	ALL	ALL	ALL
4	8. Kentucky's Wild Species	1-5,8,10-12,16	1-6,8,10-13, 16,18-21	ALL	ALL	ALL	ALL
4	9. Birds of Kentucky	1-12	1-13, 22, 23	ALL	ALL	ALL	ALL
4	10. For Future Generations	1-12	1-13, 22, 23	ALL	ALL	ALL	ALL
5	1. Toxics in Your Community: Part I	1-12, 16	1-13, 36-38	ALL	ALL	ALL	ALL
5	2. Toxics in Your Community: Part II	1-12, 16	1-13, 15, 18, 21, 36-38	ALL	ALL	ALL	ALL
6	1. Coal Mining Facts	1-12, 16	1-21, 36-38	3-5	3-6	ALL	ALL
6	2. Coal Mining Regulation in Kentucky	1-12	1-23, 36-38	ALL	ALL	ALL	ALL
6	3. Environmental Costs vs. Economic Benefits	1-12	1-23, 36-38	ALL	ALL	ALL	ALL
7	1. Our Increasing Demand for Energy	1-12	1-20, 30, 31	3-5	3-6	ALL	ALL
7	2. Energy and the Environment	1-12, 16	1-20	ALL	ALL	ALL	ALL

County Reference Map

